

Title (en)
PULSED EDDY CURRENT PIPELINE INSPECTION SYSTEM AND METHOD

Title (de)
VERFAHREN UND SYSTEM ZUR INSPEKTION EINER PULSWIRBELSTROM-PIPELINE

Title (fr)
SYSTEME ET PROCEDE D INSPECTION DE CANALISATION PAR COURANTS DE FOUCAULT PULSES

Publication
EP 1957968 A1 20080820 (EN)

Application
EP 06844615 A 20061129

Priority
• US 2006045637 W 20061129
• US 29091605 A 20051130

Abstract (en)
[origin: US2007120559A1] A pulsed eddy current pipeline inspection device is provided. The pulsed eddy current pipeline inspection device comprises a plurality of stages longitudinally spaced apart from each other and adapted to move between a contracted position and an expanded position, and a plurality of sensors disposed around at least a portion of a circumference of each of the plurality of stages in the contracted position with at least one gap between sensors in each of the plurality of stages in the expanded position, the plurality of sensors being arranged such that the at least one gap in a first one of the plurality of stages is aligned with a portion of a second one of the plurality of stages that has sensors disposed thereon.

IPC 8 full level
G01N 27/90 (2006.01)

CPC (source: EP US)
G01N 27/902 (2013.01 - EP US)

Citation (search report)
See references of WO 2007064677A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2007120559 A1 20070531; US 7402999 B2 20080722; CA 2630050 A1 20070607; CA 2630050 C 20150804; CN 101360995 A 20090204; CN 102680569 A 20120919; EP 1957968 A1 20080820; JP 2009517694 A 20090430; JP 5216598 B2 20130619; NO 20082653 L 20080613; RU 2008126263 A 20100110; RU 2419787 C2 20110527; WO 2007064677 A1 20070607

DOCDB simple family (application)
US 29091605 A 20051130; CA 2630050 A 20061129; CN 200680051533 A 20061129; CN 201210125103 A 20061129; EP 06844615 A 20061129; JP 2008543406 A 20061129; NO 20082653 A 20080613; RU 2008126263 A 20061129; US 2006045637 W 20061129